

ABSTRACT

bulk B3
The position of an imaging device relative to optical elements can be adjusted with a hermetic frame, which is hermetically structured in order to reliably prevent invasion of steam generated during autoclaving, kept hermetic.

A first hermetic frame 27, an optical window 28, a second hermetic frame 29, and other members are joined to create a hermetic space 55. A focusing groove 42 in which a focusing adjustment screw 43 is fitted so that the position of a device locking frame 44 can be finely adjusted along the optical axis of incorporated optical elements with the focusing adjustment screw 43 held as a guide is formed in an outer optical frame 39. An eccentricity adjusting mechanism including actuators 45 that can move in directions orthogonal to the optical axis is incorporated as an imaging device driving means in the device locking frame 44. Thus, the position of a CCD 36 relative to an image formation optical system 34 and a filter unit 35, which correspond to the optical elements, can be adjusted with a hermetic frame, which is hermetically structured in order to prevent invasion of steam generated during autoclaving, kept hermetic.